INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
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Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

July 31, 2003

TO: Interested Parties / Applicant
RE: Global Stone Portage, LLC
127-11241-00038
Office of Air Quality
FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision - Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures

FNPERAM.wpd 8/21/02

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July 31, 2003

Mr. Peter C. Refsnider
Global Stone Portage, LLC
165 Steel Drive
Portage, IN 46368

Re: **127-17831**
Second Administrative Amendment to
FESOP 127-11241-00038

Dear Mr. Refsnider:

Global Stone Portage, LLC, was issued a FESOP on March 22, 2000, for a stationary non-metallic minerals processing plant. A First Administrative Amendment (127-12714-00038) was issued on December 8, 2000. A First Significant Permit Revision (127-14989-00038) was issued on February 4, 2002. A letter requesting to replace a truck dumping operation from a barge to the stockpile with a belt conveyor system was received on June 16, 2003. IDEM, OAQ has determined that:

1. The new belt conveyor system consists of four (4) transfer points (one (1) loadout hopper and three (3) belt conveyors) and delivers uncrushed product from a barge directly to a stockpile. This process is taking the place of truck dumping for which product was loaded onto trucks, the trucks would then travel roughly one thousand (1,000) feet, and dump the product into the stockpile in the processing plant. The new conveyor system is not enclosed. The potential to emit of the four (4) new transfer points are as follows:

   Processing capacity of the entire source = 87.5 tons per hour, total (capacity of Mills 1 - 6) x 8,760 hours per year = 766,500 tons per year

   PM and PM_{10} emissions from the four (4) new transfer points (tons per year) = Processing capacity (tons per year) x # of transfer points x AP-42 Table 11.19.2-2 PM_{10} Emission Factor for transfer points / 2000 pounds per ton

   PM and PM_{10} emissions from the four (4) new transfer points (tons per year) = 766,500 tons per year x 4 transfer points x 0.0014 pounds per ton / 2000 pounds per ton

   PM and PM_{10} emissions from the four (4) new transfer points (tons per year) = 2.15 tons per year

   The source has stated that the one (1) belt conveyor system will only operate approximately once per week. Therefore, the capacity of the one (1) belt conveyor system has been stated in tons per year rather than tons per hour. The capacity of the one (1) belt conveyor system is equivalent to the capacity of Mills 1 - 6 in tons per hour, total.

   Since the potential to emit of the new belt conveyor system is less than a total five (5) tons per year, the new belt conveyor system is exempt from needing permission to construct and operate. Therefore, this administrative amendment is being performed pursuant to 326 IAC 2-8-10(a), which states that an administrative amendment is a FESOP revision that allows for the construction and operation of a modification that has received advance approval.

2. Pursuant to 40 CFR 60.670, the new belt conveyor system is subject to requirements of 40 CFR 60, Subpart OOO because this source is adding a new belt conveyor, construction will commence after August 31, 1983 and the processing capacity of the entire source is greater than twenty-five (25) tons (23 megagrams) per year. Furthermore, this source consists of enclosed mills systems with crushing equipment that are subject to and must comply with the requirements of 40 CFR 60 Subpart OOO.

   However, pursuant to 40 CFR 60.671, a transfer point means "a point in a conveying operation where the nonmetallic mineral is transferred to or from a belt conveyor except where the nonmetallic mineral is being transferred to a stockpile. Therefore, the four (4) transfer points on the new belt conveyor system are not considered transfer points in terms of 40 CFR 60 Subpart OOO.

   Since the new belt conveyor system does not contain transfer points that are defined in 40 CFR 60.671, the particulate limitations in 40 CFR 60.672 do not apply to this amendment. Subsequently, the performance testing, compliance monitoring, and record keeping required to comply with the limitations in 40 CFR 60.672 are also not applicable. Thus, the new belt conveyor system does not have any applicable requirements that are necessary to demonstrate compliance with 40 CFR 60 Subpart OOO.

   Note that although the new belt conveyor system does not have any applicable requirements necessary to demonstrate compliance, since the new belt conveyor system is subject to the requirements of 40 CFR 60 Subpart OOO, the new belt conveyor system will be considered a significant emission unit.

3. The new belt conveyor system is not subject to the requirements of 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes), because pursuant to 326 IAC 6-3-1(b)(14), conveying activities that have a potential to emit less than 0.551 pounds per hour are exempt from the requirements 326 IAC 6-3. The potential to emit of the new belt conveyor system is 0.491 pounds of particulate per hour.

The changes are as follows with deleted language as ~~strikeouts~~ and new language **bolded.** Pursuant to the provisions of 326 IAC 2-8-10(a)(10), the permit is hereby administratively amended as follows:

The new belt conveyor system has been added to Conditions A.2 and the equipment list in Section D.1 as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

(a) One (1) belt conveyor system, consisting of one (1) loadout hopper and three (3) belt conveyors for a total of four (4) transfer points, delivering uncrushed material directly from a barge to an initial stockpile, capacity: 766,500 tons of non-metallic minerals per year.

Mill 1

~~(a)~~ **(b)** One (1) enclosed mill system, known Mill 1, equipped with a baghouse for particulate matter control, exhausted through Stack 01-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

~~(b)~~ **(c)** One (1) storage silo bin, known as 01-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

~~(c)~~ **(d)** One (1) dust-free loadout, known as 01-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(d)~~ **(e)** One (1) outside rock hopper, known as 01-ORH-001, exhausted through Stack 01-ORH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(e)~~ **(f)** One (1) belt conveyor, known as 01-RBF-001, exhausted through Stack 01-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(f)~~ **(g)** Two (2) mill feed tanks, known as 01-MFT-001 and 01-MFT-002, exhausted through Stacks 01-MFT-001 and 01-MFT-002, installed April 1992, storage capacity: 300 tons of non-metallic minerals each, throughput capacity: 12.5 tons of non-metallic minerals per hour each.

~~(g)~~ **(h)** One (1) bucket elevator, known as 01-BEL-001, exhausted through Stack 01-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(h)~~ **(i)** One (1) belt conveyor, known as 01-RBC-001, exhausted through Stack 01-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Mill 2

~~(i)~~ **(j)** One (1) enclosed mill system, known as Mill 2, equipped with a baghouse for particulate matter control, exhausted through Stack 02-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

~~(j)~~ **(k)** One (1) storage silo bin, known as 02-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 02-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

Mill 3

~~(k)~~ **(l)** One (1) enclosed mill system, known as Mill 3, equipped with a baghouse for particulate matter control, exhausted through Stack 03-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

~~(l)~~ **(m)** One (1) storage silo bin, known as 03-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

~~(m)~~ **(n)** One (1) dust-free loadout, known as 03-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(n)~~ **(o)** One (1) inside rock hopper, known as 03-IRH-001, exhausted through Stack 03-IRH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(o)~~ **(p)** One (1) belt conveyor, known as 03-RBF-001, exhausted through Stack 03-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(p)~~ **(q)** One (1) product lump breaker, known as 03-PLB-001, exhausted through Stack 03-PLB-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(q)~~ **(r)** One (1) bucket elevator, known as 03-BEL-001, exhausted through Stack 03-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(r)~~ **(s)** One (1) inside feed tank, known as 03-MFT-001, exhausted through Stack 03-MFT-001, installed April 1992, storage capacity: 60 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

~~(s)~~ **(t)** One (1) belt conveyor, known as 03-RBC-001, exhausted through Stack 03-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Note: There is no Mill 4.

Mill 5

~~(t)~~ **(u)** One (1) enclosed mill system, known as Mill 5, equipped with a baghouse for particulate matter control, exhausted through Stack 05-MDC-001, installed in March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(u)~~ **(v)** Two (2) storage silo bins, known as 05-FPT-001 and 05-FPT-002, each equipped with a baghouse for particulate matter control, exhausted through Stacks 05-BNV-001 and 05-BNV-002, installed March 1997, storage capacity: 800 tons of non-metallic minerals each, throughput capacity: 25 tons of non-metallic minerals per hour each.

~~(v)~~ **(w)** One (1) dust-free loadout, known as 05-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 05-BNV-003, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(w)~~ **(x)** One (1) outside rock hopper, known as 05-ORH-001, exhausted through Stack 05-ORH-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(x)~~ **(y)** One (1) belt conveyor, known as 05-RBF-001, exhausted through Stack 05-RBF-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(y)~~ **(z)** One (1) bucket elevator, known as 05-BEL-001, exhausted through Stack 05-BEL-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(z)~~ **(aa)** One (1) inside feed tank, known as 05-MFT-001, exhausted through Stack 05-MFT-001, installed March 1997, storage capacity: 150 tons of non-metallic minerals, throughput capacity: 25 tons of non-metallic minerals per hour.

GAF

~~(aa)~~ **(bb)** One (1) lime silo, identified as GAF-FPT-001, equipped with a baghouse and exhausting through stack GAF-BNV-001, capacity: 1,000 tons.

~~(bb)~~ **(cc)** One (1) screening operation, identified as GAF-SCR-001, equipped with a baghouse and exhausting through stack GAF-BNV-002, capacity: 60 tons per hour.

~~(cc)~~ **(dd)** One (1) truck loadout operation, identified as GAF-DFL-001, equipped with a baghouse and exhausting through stack GAF-BNV-003, capacity: 25 tons per hour.

Mill 6

~~(dd)~~ **(ee)** One (1) enclosed mill system, known as Mill 6, equipped with a baghouse for particulate matter control, and exhausted through stack 06-MDC-001, and uncontrolled truck loading and unloading operations, capacity: 25 tons of non-metallic minerals per hour.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

(a) One (1) belt conveyor system, consisting of one (1) loadout hopper and three (3) belt conveyors for a total of four (4) transfer points, delivering uncrushed material directly from a barge to an initial stockpile, capacity: 766,500 tons of non-metallic minerals per year.

Mill 1

~~(a)~~ **(b)** One (1) enclosed mill system, known Mill 1, equipped with a baghouse for particulate matter control, exhausted through Stack 01-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

~~(b)~~ **(c)** One (1) storage silo bin, known as 01-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

~~(c)~~ **(d)** One (1) dust-free loadout, known as 01-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(d)~~ **(e)** One (1) outside rock hopper, known as 01-ORH-001, exhausted through Stack 01-ORH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(e)~~ **(f)** One (1) belt conveyor, known as 01-RBF-001, exhausted through Stack 01-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(f)~~ **(g)** Two (2) mill feed tanks, known as 01-MFT-001 and 01-MFT-002, exhausted through Stacks 01-MFT-001 and 01-MFT-002, installed April 1992, storage capacity: 300 tons of non-metallic minerals each, throughput capacity: 12.5 tons of non-metallic minerals per hour each.

~~(g)~~ **(h)** One (1) bucket elevator, known as 01-BEL-001, exhausted through Stack 01-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(h)~~ **(i)** One (1) belt conveyor, known as 01-RBC-001, exhausted through Stack 01-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Mill 2

~~(i)~~ **(j)** One (1) enclosed mill system, known as Mill 2, equipped with a baghouse for particulate matter control, exhausted through Stack 02-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

~~(j)~~ **(k)** One (1) storage silo bin, known as 02-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 02-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

Mill 3

~~(k)~~ **(l)** One (1) enclosed mill system, known as Mill 3, equipped with a baghouse for particulate matter control, exhausted through Stack 03-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

~~(l)~~ **(m)** One (1) storage silo bin, known as 03-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

~~(m)~~ **(n)** One (1) dust-free loadout, known as 03-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(n)~~ **(o)** One (1) inside rock hopper, known as 03-IRH-001, exhausted through Stack 03-IRH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Facility Description [326 IAC 2-8-4(10)]: continued

Mill 3

~~(o)~~ **(p)** One (1) belt conveyor, known as 03-RBF-001, exhausted through Stack 03-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(p)~~ **(q)** One (1) product lump breaker, known as 03-PLB-001, exhausted through Stack 03-PLB-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(q)~~ **(r)** One (1) bucket elevator, known as 03-BEL-001, exhausted through Stack 03-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

~~(r)~~ **(s)** One (1) inside feed tank, known as 03-MFT-001, exhausted through Stack 03-MFT-001, installed April 1992, storage capacity: 60 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

~~(s)~~ **(t)** One (1) belt conveyor, known as 03-RBC-001, exhausted through Stack 03-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Note: There is no Mill 4.

Mill 5

~~(t)~~ **(u)** One (1) enclosed mill system, known as Mill 5, equipped with a baghouse for particulate matter control, exhausted through Stack 05-MDC-001, installed in March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(u)~~ **(v)** Two (2) storage silo bins, known as 05-FPT-001 and 05-FPT-002, each equipped with a baghouse for particulate matter control, exhausted through Stacks 05-BNV-001 and 05-BNV-002, installed March 1997, storage capacity: 800 tons of non-metallic minerals each, throughput capacity: 25 tons of non-metallic minerals per hour each.

~~(v)~~ **(w)** One (1) dust-free loadout, known as 05-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 05-BNV-003, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(w)~~ **(x)** One (1) outside rock hopper, known as 05-ORH-001, exhausted through Stack 05-ORH-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(x)~~ **(y)** One (1) belt conveyor, known as 05-RBF-001, exhausted through Stack 05-RBF-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(y)~~ **(z)** One (1) bucket elevator, known as 05-BEL-001, exhausted through Stack 05-BEL-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

~~(z)~~ **(aa)** One (1) inside feed tank, known as 05-MFT-001, exhausted through Stack 05-MFT-001, installed March 1997, storage capacity: 150 tons of non-metallic minerals, throughput capacity: 25 tons of non-metallic minerals per hour.

GAF

~~(aa)~~ **(bb)** One (1) lime silo, identified as GAF-FPT-001, equipped with a baghouse and exhausting through stack GAF-BNV-001, capacity: 1,000 tons.

~~(bb)~~ **(cc)** One (1) screening operation, identified as GAF-SCR-001, equipped with a baghouse and exhausting through stack GAF-BNV-002, capacity: 60 tons per hour.

~~(cc)~~ **(dd)** One (1) truck loadout operation, identified as GAF-DFL-001, equipped with a baghouse and exhausting through stack GAF-BNV-003, capacity: 25 tons per hour.

Mill 6

~~(dd)~~ **(ee)** One (1) enclosed mill system, known as Mill 6, equipped with a baghouse for particulate matter control, and exhausted through stack 06-MDC-001, and uncontrolled truck loading and unloading operations, capacity: 25 tons of non-metallic minerals per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Michael S. Schaffer, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 ext. 15 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
MSS/MES
cc: File - Porter County
U.S. EPA, Region V
Porter County Health Department
Northwest Regional Office
Air Compliance Section Inspector - Rick Massoels
Compliance Branch
Administrative and Development
Technical Support and Modeling

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) OFFICE OF AIR QUALITY

Global Stone Portage, LLC
165 Steel Drive
Portage, Indiana 46368

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F 127-11241-00038	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: March 22, 2000 Expiration Date: March 22, 2005

First Administrative Amendment 127-12714-00038, issued on December 8, 2000
First Reopening 127-13096-00038, issued on January 16, 2002
First Significant Permit Revision, issued on February 4, 2002

Second Administrative Amendment: AAF 127-17831-00038	Pages Affected: 4 through 6, 26, and 27
Issued by:Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: July 31, 2003

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary non-metallic minerals processing plant.

Authorized Individual:	General Manager
Source Address:	165 Steel Drive, Portage, Indiana 46368
Mailing Address:	165 Steel Drive, Portage, Indiana 46368
Phone Number:	219-787-9190
SIC Code:	1422
County Location:	Porter
County Status:	Nonattainment for ozone Attainment for all other criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD and Emission Offset Rules; Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

(a) One (1) belt conveyor system, consisting of one (1) loadout hopper and three (3) belt conveyors for a total of four (4) transfer points, delivering uncrushed material directly from a barge to an initial stockpile, capacity: 766,500 tons of non-metallic minerals per year.

Mill 1

(b) One (1) enclosed mill system, known Mill 1, equipped with a baghouse for particulate matter control, exhausted through Stack 01-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

(c) One (1) storage silo bin, known as 01-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

(d) One (1) dust-free loadout, known as 01-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(e) One (1) outside rock hopper, known as 01-ORH-001, exhausted through Stack 01-ORH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(f) One (1) belt conveyor, known as 01-RBF-001, exhausted through Stack 01-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(g) Two (2) mill feed tanks, known as 01-MFT-001 and 01-MFT-002, exhausted through Stacks 01-MFT-001 and 01-MFT-002, installed April 1992, storage capacity: 300 tons of non-metallic minerals each, throughput capacity: 12.5 tons of non-metallic minerals per hour each.

(h) One (1) bucket elevator, known as 01-BEL-001, exhausted through Stack 01-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(i) One (1) belt conveyor, known as 01-RBC-001, exhausted through Stack 01-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Mill 2

(j) One (1) enclosed mill system, known as Mill 2, equipped with a baghouse for particulate matter control, exhausted through Stack 02-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

(k) One (1) storage silo bin, known as 02-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 02-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

Mill 3

(l) One (1) enclosed mill system, known as Mill 3, equipped with a baghouse for particulate matter control, exhausted through Stack 03-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

(m) One (1) storage silo bin, known as 03-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

(n) One (1) dust-free loadout, known as 03-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(o) One (1) inside rock hopper, known as 03-IRH-001, exhausted through Stack 03-IRH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(p) One (1) belt conveyor, known as 03-RBF-001, exhausted through Stack 03-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(q) One (1) product lump breaker, known as 03-PLB-001, exhausted through Stack 03-PLB-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(r) One (1) bucket elevator, known as 03-BEL-001, exhausted through Stack 03-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(s) One (1) inside feed tank, known as 03-MFT-001, exhausted through Stack 03-MFT-001, installed April 1992, storage capacity: 60 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

(t) One (1) belt conveyor, known as 03-RBC-001, exhausted through Stack 03-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Note: There is no Mill 4.

Mill 5

(u) One (1) enclosed mill system, known as Mill 5, equipped with a baghouse for particulate matter control, exhausted through Stack 05-MDC-001, installed in March 1997, capacity: 25 tons of non-metallic minerals per hour.

(v) Two (2) storage silo bins, known as 05-FPT-001 and 05-FPT-002, each equipped with a baghouse for particulate matter control, exhausted through Stacks 05-BNV-001 and 05-BNV-002, installed March 1997, storage capacity: 800 tons of non-metallic minerals each, throughput capacity: 25 tons of non-metallic minerals per hour each.

(w) One (1) dust-free loadout, known as 05-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 05-BNV-003, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(x) One (1) outside rock hopper, known as 05-ORH-001, exhausted through Stack 05-ORH-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(y) One (1) belt conveyor, known as 05-RBF-001, exhausted through Stack 05-RBF-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(z) One (1) bucket elevator, known as 05-BEL-001, exhausted through Stack 05-BEL-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(aa) One (1) inside feed tank, known as 05-MFT-001, exhausted through Stack 05-MFT-001, installed March 1997, storage capacity: 150 tons of non-metallic minerals, throughput capacity: 25 tons of non-metallic minerals per hour.

GAF

(bb) One (1) lime silo, identified as GAF-FPT-001, equipped with a baghouse and exhausting through stack GAF-BNV-001, capacity: 1,000 tons.

(cc) One (1) screening operation, identified as GAF-SCR-001, equipped with a baghouse and exhausting through stack GAF-BNV-002, capacity: 60 tons per hour.

(dd) One (1) truck loadout operation, identified as GAF-DFL-001, equipped with a baghouse and exhausting through stack GAF-BNV-003, capacity: 25 tons per hour.

Mill 6

(ee) One (1) enclosed mill system, known as Mill 6, equipped with a baghouse for particulate matter control, and exhausted through stack 06-MDC-001, and uncontrolled truck loading and unloading operations, capacity: 25 tons of non-metallic minerals per hour.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour.

(b) Combustion source flame safety purging on startup.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

(a) One (1) belt conveyor system, consisting of one (1) loadout hopper and three (3) belt conveyors for a total of four (4) transfer points, delivering uncrushed material directly from a barge to an initial stockpile, capacity: 766,500 tons of non-metallic minerals per year.

Mill 1

(b) One (1) enclosed mill system, known Mill 1, equipped with a baghouse for particulate matter control, exhausted through Stack 01-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

(c) One (1) storage silo bin, known as 01-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

(d) One (1) dust-free loadout, known as 01-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 01-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(e) One (1) outside rock hopper, known as 01-ORH-001, exhausted through Stack 01-ORH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(f) One (1) belt conveyor, known as 01-RBF-001, exhausted through Stack 01-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(g) Two (2) mill feed tanks, known as 01-MFT-001 and 01-MFT-002, exhausted through Stacks 01-MFT-001 and 01-MFT-002, installed April 1992, storage capacity: 300 tons of non-metallic minerals each, throughput capacity: 12.5 tons of non-metallic minerals per hour each.

(h) One (1) bucket elevator, known as 01-BEL-001, exhausted through Stack 01-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(i) One (1) belt conveyor, known as 01-RBC-001, exhausted through Stack 01-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Mill 2

(j) One (1) enclosed mill system, known as Mill 2, equipped with a baghouse for particulate matter control, exhausted through Stack 02-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

(k) One (1) storage silo bin, known as 02-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 02-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

Mill 3

(l) One (1) enclosed mill system, known as Mill 3, equipped with a baghouse for particulate matter control, exhausted through Stack 03-MDC-001, installed in April 1992, capacity 12.5 tons of non-metallic minerals per hour.

(m) One (1) storage silo bin, known as 03-FPT-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-001, installed April 1992, storage capacity: 800 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

(n) One (1) dust-free loadout, known as 03-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 03-BNV-002, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(o) One (1) inside rock hopper, known as 03-IRH-001, exhausted through Stack 03-IRH-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Facility Description [326 IAC 2-8-4(10)]: continued

Mill 3

(p) One (1) belt conveyor, known as 03-RBF-001, exhausted through Stack 03-RBF-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(q) One (1) product lump breaker, known as 03-PLB-001, exhausted through Stack 03-PLB-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(r) One (1) bucket elevator, known as 03-BEL-001, exhausted through Stack 03-BEL-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

(s) One (1) inside feed tank, known as 03-MFT-001, exhausted through Stack 03-MFT-001, installed April 1992, storage capacity: 60 tons of non-metallic minerals, throughput capacity: 12.5 tons of non-metallic minerals per hour.

(t) One (1) belt conveyor, known as 03-RBC-001, exhausted through Stack 03-RBC-001, installed April 1992, capacity: 12.5 tons of non-metallic minerals per hour.

Note: There is no Mill 4.

Mill 5

(u) One (1) enclosed mill system, known as Mill 5, equipped with a baghouse for particulate matter control, exhausted through Stack 05-MDC-001, installed in March 1997, capacity: 25 tons of non-metallic minerals per hour.

(v) Two (2) storage silo bins, known as 05-FPT-001 and 05-FPT-002, each equipped with a baghouse for particulate matter control, exhausted through Stacks 05-BNV-001 and 05-BNV-002, installed March 1997, storage capacity: 800 tons of non-metallic minerals each, throughput capacity: 25 tons of non-metallic minerals per hour each.

(w) One (1) dust-free loadout, known as 05-DFL-001, equipped with a baghouse for particulate matter control, exhausted through Stack 05-BNV-003, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(x) One (1) outside rock hopper, known as 05-ORH-001, exhausted through Stack 05-ORH-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(y) One (1) belt conveyor, known as 05-RBF-001, exhausted through Stack 05-RBF-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(z) One (1) bucket elevator, known as 05-BEL-001, exhausted through Stack 05-BEL-001, installed March 1997, capacity: 25 tons of non-metallic minerals per hour.

(aa) One (1) inside feed tank, known as 05-MFT-001, exhausted through Stack 05-MFT-001, installed March 1997, storage capacity: 150 tons of non-metallic minerals, throughput capacity: 25 tons of non-metallic minerals per hour.

GAF

(bb) One (1) lime silo, identified as GAF-FPT-001, equipped with a baghouse and exhausting through stack GAF-BNV-001, capacity: 1,000 tons.

(cc) One (1) screening operation, identified as GAF-SCR-001, equipped with a baghouse and exhausting through stack GAF-BNV-002, capacity: 60 tons per hour.

(dd) One (1) truck loadout operation, identified as GAF-DFL-001, equipped with a baghouse and exhausting through stack GAF-BNV-003, capacity: 25 tons per hour.

Mill 6

(ee) One (1) enclosed mill system, known as Mill 6, equipped with a baghouse for particulate matter control, and exhausted through stack 06-MDC-001, and uncontrolled truck loading and unloading operations, capacity: 25 tons of non-metallic minerals per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)